Sl No.	Description of Item	Unit	Previous Measurement Qty.	Previous Measurement Cost	Present Measurement Qty.	Rate Rs. P.	Amount	Total Upto Date Qty	Total Upto Date Cost	Remarks
	Name of work - :Annual maintenance and Repairs to Electrical instalation at JC Dasarahalli Zonal office building									
1	Providing servicess of Electrician With tools , Rs 14021 27/Month/person, Rs 14021 27�26Days=539 27/Day/Person, Including E.S.I & PF, As per Go No KE/31/LMW/2017 Dated 28/4/2017	Per Day	120	72667.2	88	605.56	53289.28	208	125956.48	
2	Providing servicess of Helper (Electrical) Rs 12746.61/Month/person. Rs 12746.61�26Days = Rs 490.25/Day/Person Including E.S.I & PF, As per Go No KE/31/LMW/2017 Dated 28/4/2017	Per Day	120	66783.6	88	556.53	48974.64	208	115758.24	
3	A) Supplying and Fixing/replacing of fluorescent Tube a) 18 to 40Watts	Nos	70	5810	77	50.00	3850.00	147	9660.00	
4	Supplying and Fixing of heavy duty open construction ferromagnetic copper ballast for fluorescent tubes: i 20/40Watts	Nos	60	16500	64	140.00	8960.00	124	25460.00	
5	Supply and fixing of 230 volts 20/40/watts starter for Fluorescent lamp	Nos	45	1035	125	10.00	1250.00	170	2285.00	
6	Rewinding a mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating separators vibration arresting shellac, etc including replacement of 1200 mm bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing.	Nos	4	2772	6	300.00	1800.00	10	4572.00	
7	Supplying and fixing/replacing of 6/16/32 Amps electrical accessories on existing switch board- i) 6 amps S.P. switch	Nos	30	1200	18	20.00	360.00	48	1560.00	
8	3) 6 amps 3 way 5 pin socket	Nos	15	900	20	30.00	600.00	35	1500.00	
9	9) 16 amps S.P. switch–2	Nos	10	980	15	50.00	750.00	25	1730.00	
10	10) 16 amps 3 way 5 pin socket–	Nos	13	1365	17	50.00	850.00	30	2215.00	
11	11) 16 amps 3 pin top–	Nos	4	360	6	70.00	420.00	10	780.00	
12	12) 32 amps Bakelite DP	Nos	7	1295	8	125.00	1000.00	15	2295.00	
13	13) 16/6 Amps Comined plug & socket with control switch 1) Group 'A'	Nos	3	780	3	150.00	450.00	6	1230.00	
14	Supplying and fixing/replacing condenser for ceiling fan/MV/SV/MH and other luminaries a) upto 4 mfd.	Nos	10	1140	13	70.00	910.00	23	2050.00	
15	Supplying and replacing of ceiling fan regulator 900 mm to 1500 mm	Nos	8	1376	4	120.00	480.00	12	1856.00	
16	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required- 1) 6-32 amps S.P	Nos	4	1736	5	250.00	1250.00	9	2986.00	
17	3) 6-32 amps D.P	Nos	2	1818	3	500.00	1500.00	5	3318.00	
18	6) 50-63 amps TPN	Nos	1	2397	2	1000.00	2000.00	3	4397.00	
19	Wiring for lighting/power circuit using one of PVC insulated 1100 volts grade, multis and copper conductor single core cable in open or concealed systems of wiring Group-B 2) 1.5 sq mm	Mtr	90	1845	30	15.00	450.00	120	2295.00	
20	3) 2.5 sq mm	Mtr	90	2880	58	15.00	870.00	148	3750.00	
21	Supplying of ..... feet - PVC Batten with integrated LED tube ... W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80 Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved 2 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 1 x4' 20/22 w	Nos	15	5625	10	250.00	2500.00	25	8125.00	
22	LED light fighting 2x4 - 20/22 w	Nos	3	1875	3	400.00	1200.00	6	3075.00	
23	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc , for operation on 230 volts, 50 cycles, Single phase AC sup ply conforming to ISS-374-1979 and with double ball bearing system. 1) 48" Sweep (1200mm) Regular Model	Nos	1	2090	14	1000.00	14000.00	15	16090.00	
24	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 1)On wall / ceiling / Rafter / Girders	Nos	18	1980	6	75.00	450.00	24	2430.00	
25	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring	Nos	6	900	9	100.00	900.00	15	1800.00	

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26	Supplying and installation of insulated refrigerant copper tubing of 5/8 " and 3/8 " with polythene foam insulation 3 core 80 stand copper wiring between indoor and outdoor unit Leak testing oil and gas charging for additional piping length of tube Split	Mtr	0	0	20	750.00	15000.00
27	Supply and fixing of condensing coil for Split Air Conditioners 2 ton capacity	Nos	0	0	1	7000.00	7000.00
28	Supplying and fixing the fan motor for blowers and condenser of 1/5 HP, single shaft/double shaft suitable for split /window air conditioners	Nos	0	0	0	0	0
29	supply and fixing cpacitor s (of approved make) for window/split air conditoner 80 to 200mfd starting capacitor	Nos	5	2900	0	350.00	0.00
30	Supplying wall mounting fan suitable to operate at single phase 230v A C supply 400mm Sweep	Nos	5	14000	3	1800.00	5400.00
31	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete Protection of Overload and short circuit with thermal Magnetic/Micro Processor release and Earth Fault as per IS-13947 (Icu=Ics) FOUR POLE 100 Amps 25 kA,	Each	1	6400	1	5000.00	5000.00
32	Supply and fixing of 4pole contractor with No/NC contacts on existing wood/panel board using necessary bolts nuts washers and wires etc., complete with AC-3 rating and as per Is 13947 100 to125 Amps	Each	1	7200	1	5000.00	5000.00
33	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable 5Pair	Mtr	70	3360	64	30.00	1920.00
34	Filtering of oil in the transformer at the transformer center by hot process using "Stream line filter" such time the dielectric strength of the oil in the transformer conforms to ISI specification [Test certificate to be produced] KPWD 2014-15 EleSR	Ltr	0	0	0	10.00	0.00
35	Supplying and Topping up of new Transil OIL KPWD 2014-15 EleSR	Per Litre	0	0	0	100.00	0.00
36	Supplying, installation, testing & commissioning of 12Volts AH batteries in poly propylene container for D G sets Low maintenance batteries, plate type 120 AH capacity Acid batteries	Nos	0	0	1	12500.00	12500.00
37	AMC Charges for 1 year to 50 KVA 62.5 KVA & 82.5 KVA D G Set including replacement of Engine Oil, Filter Kit and Radiator Collent	Per year	0	0	1	38527.00	38527.00
38	Radiator Hose Kit -3917 for 50KVA 62.5 & 82.5KVA make engine Overhauling	Set	0	0	1	950.00	950.00
39	Hose Camp -3917 for 50KVA 62.5 & 82.5 KVA Make engine Overhauling	Set	0	0	1	300.00	300.00
40	Oil Filter -8400 for 50 KVA 62.5 & 82.5 KVA Make engine Overhauling	Nos	0	0	1	1500.00	1500.00
41	Diesel Filter -8400 for 50 KVA 62.5 & 82.5 KVA Make engine Overhauling	Set	0	0	1	1500.00	1500.00
42	Radiator Coolant -8483 for 50 KVA 62.5 & 82.5 KVA Make engine Overhauling	Ltr	0	0	1	300.00	300.00
43	TC Kit Turbo Charger-8421 for 50 KVA 62.5 & 82.5 KVA Make engine Overhauling	Set	0	0	1	3800.00	3800.00
	Sub Total			**231969.80**			**247760.92**
	Add GST 12 % on item no 1 to 36	205883.92		**27836.38**			**24106.07**
	TOTAL			**259806.18**			**271866.99**
	Less exces paid in 1st RA bill item No 1 to 43 Rs 41500.00						**41500.00**
	Grand Total Rs						**230366.99**

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

6/4/23

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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2nd & Finall Bill

SBR=000004/ ~~Nor RA bill~~ Original/Duplicate/Triplicate

BR=000004/23-24

19/4/2023

CONTRACT CERTIFICATE

(For Other Works) 19/4/2023

Division **Electrical (Dasarahalli)** **JOB NO :014-22-0000003** Sub-Division **Electricals**

Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No Dated Book Voucher No Dated

Schedule Docket Name of Work - Annual Maintenance and repairs to electrical installation ar JC Dasarahalli Zonal office building

Bill Period:04.09.2022 to 03.04.2023(6 months)

Name of Contractor and Full Address:- M/s. CHIKKANNA G (CHETHAN ELECTRICALS)

Reference to Agreement No - EE/Ele/DZ/TEND/AG/000001/22-22 Date 01 04 2022

Reference to Work order No - EE/Ele/DZ/TEND/WO/000010/22-22 Date 04.04.2022

Certified that the measurements were taken by me on 6/4/23 and recorded of Pages 689568 574 of measurement Book No. And that the work is satisfactorily executed

Contractor

Officer-in-charge of work

Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Certified that the measurement were taken by me on 6/4/23 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office

Sub-Division Officer

II Memorandum of Payment

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

1) Total value of work done or supplies made as per account within	uptobill	490173=00
2) Deduct amount to be held in reserve being percent Rs	Previous	259806=00
3) " Balance	Present	230366=00
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher No Dated S D No Amount adjusted towards cash advance recovery of	IT(1%)	2303=00
	CessTC(1%)	2303=00
	SecST(1%)	2303=00
	LWC(1%)	2303=00
	CBF(0.1%)	230=00
	deduction	9442=00
b) Payments Now made: cost store or other material supplied; recovery of amount creditable to this/other work; Amount paid on this bill Cheque / Cash		
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash advance made on the Office cash Book Voucher No dated less adjustments		
7) Net amount due to or from Contractor adjustments items	un checkout	220924=00
8) Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied		
Total amount adjusted -		

Contractor's Signature

Received Rs (in words)

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1
2

Dated Signature of Contractor

Stamp

Paid by me by Cheque No Dated
Cash Rs
Dated

Initials of Officer making payment

Audited and Entered in the Pay Roll No. 230366/-

Passed for Rs. 220924/-

(For use in the Office)

Two lakhs twenty-thousand nine hundred twenty-four Only

by adjustment Rs. 9442/-

Accounts Superintendent

Ex. Engineer (Ele)

D.B.M.P. Dasarahalli Division

Dasarahalli Zone

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